TILINIA HOMAL OLANOH INCHON

PCT/EY2004/007296

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER C08L51/04 C08F279/02 C08F257/	02 C08F2/00					
	International Patent Classification (IPC) or to both national classification	ion and IPC					
B. FIELDS	SEARCHED cumentation searched (classification system followed by classification	n symbols)					
IPC 7	C08L C08F C08C						
Documentat	ion searched other than minimum documentation to the extent that suc	ch documents are included in the fields sea	arched				
	ata base consulted during the international search (name of data base	e and, where practical, search terms used)					
EPO-Internal, WPI Data, PAJ							
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with Indication, where appropriate, of the relev	vant passages	Relevant to claim No.				
Х	PATENT ABSTRACTS OF JAPAN vol. 016, no. 066 (C-0912), 19 February 1992 (1992-02-19) & JP 03 263415 A (ASAHI CHEM IND 22 November 1991 (1991-11-22) * PAJ and WPI abstracts * abstract	CO LTD),	1-9				
х	PATENT ABSTRACTS OF JAPAN vol. 012, no. 358 (C-531), 26 September 1988 (1988-09-26) & JP 63 112646 A (ASAHI CHEM IND 17 May 1988 (1988-05-17) * WPI and PAJ abstracts * abstract	CO LTD),	1,2				
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X Furt	her documents are listed in the continuation of box C.	X Patent family members are listed t	n annex.				
"A" documi consider "E" earlier of filing of "L" docume which citatio "O" docum other	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but	"T" later document published after the inte or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the c cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the c cannot be considered to involve an Involve an Involve and involve an Involve and in the combined with one or moments, such combination being obvious in the art. "&" document member of the same patent	the application but cory underlying the laimed invention be considered to cument is taken alone laimed invention ventive step when the re other such docusto a person skilled family				
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report				
27 September 2004		.1 2 NO	V 2004				
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer					
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Hammond, A					

INTERNATIONAL SEARCH REPUR

PCT/EP2004/007296

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 4 493 922 A (GAUSEPOHL HERMANN ET AL) 15 January 1985 (1985-01-15) * abstract * column 1, line 36 - column 2, line 39	1-9
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 327 (C-1073), 22 June 1993 (1993-06-22) & JP 05 032848 A (ASAHI CHEM IND CO LTD), 9 February 1993 (1993-02-09) * PAJ and WPI abstracts * abstract	1-3,7,8
х	EP 0 418 042 A (DOW CHEMICAL CO) 20 March 1991 (1991-03-20) * page 2, line 45-54; page 3, line 44-46, 27-33 * abstract; claim 1	1-9
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 582 (C-1123), 22 October 1993 (1993-10-22) & JP 05 170991 A (ASAHI CHEM IND CO LTD), 9 July 1993 (1993-07-09) * PAJ and WPI abstracts * abstract	1-3,7,8
Х	EP 0 620 236 A (FINA TECHNOLOGY) 19 October 1994 (1994-10-19) * claims 12,13 ; page 3, line 2-5 ; page 4, line 33-41, 47-51, 9-30 ; abstract ; claims 1-6 ; page 3, line 26-30 * page 3, lines 26-30	1-9
A	US 6 031 050 A (FUJITA MASANARI ET AL) 29 February 2000 (2000-02-29) * abstract ; claim 1 ; column 3, line 33-35, 24-47 ; column 4, line 22-26 * column 2, lines 29-44	1-9
A	WO 99/09081 A (DEMIRORS MEHMET ;DOW CHEMICAL CO (US)) 25 February 1999 (1999-02-25) * abstract *claims 20,21,1-19	1-9
Α	US 5 936 036 A (KIHARA HAYATO ET AL) 10 August 1999 (1999-08-10) * claims 1-10 ; column 2, line 36-37 ; abstract *	1-9
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INTERNATIONAL SEARCH REPORT

ional application No. PCT/EP2004/007296

Int

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims. .
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is
restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1 - 9
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9

A rubber reinforced vinyl aromatic (co)polymer having a strictly bimodal morphology, consisting of 55-90%wt. of rigid polymeric matrix and 10-45%wt. of a rubbery phase dispersed inside said rigid polymeric matrix in the form of grafted and occluded particles and wherein said rubber particles consist of 60-99%wt. of particles with a capsule or core-shell morphology, and 1-40%wt. of particles with a salami morphology, said % being measured on the basis of the weight of the rubber particles only.

2. claims: 10, partially 12-17

An independant mass-continuous process for preparation of rubber-reinforced vinyl aromatic (co)polymers which are not specifically and unambiguously the same copolymer products as described in the application claims 1-9 (i.e. the independant mass-continuous process claims are not specifically adapted for the manufacture of the specific product of claims 1-9 as required by the Administrative Instructions under the PCT, PCT Gazette, Section IV, Annex B)

3. claims: 11, partially 12-17

An independant mass-suspension process for preparation of rubber-reinforced vinyl aromatic copolymers which are not specifically and unambiguously the same copolymer products as described in the application claims 1-9 (i.e. the independant mass-suspension process claims are not specifically adapted for the manufacture of the specific products of claims 1-9 as required by the Administrative Instructions under the PCT, PCT Gazette, Section IV, Annex B).

Intern: Application No PCT/EP2004/007296

					,	001/00/230
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